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[Reported Officially for the Scientific American.] LIST OF PATENT CLAIMS Issued from the United States Patent Office,

FOR THE WEEK ENDING AUG. 28, 1855.

TRAPS FOR CATCHING ANIMALS.-J., B. Bradley, of Watertown, Ct.: I claim the application of the ratchet bar, I, and pawl, J, to the trap, for the purpose of render ing it capable of confining the animal, after being caught under the drop or fall, asset forth.

[This patent is for an improvement on the rat trap patented by Mr. Bradley in May last, and noticed by us at that time. The present invention consists of a slight but ingenious addition, which renders the apparatus perfectly effective for the catching of wolves, foxes, woodchucks, and other species of game. We do not know of a cheaper or better trap for the purposes named than the above.--When set, it lays "as flat as a board," so that the whole concern except the bait may be covered up in the sand-entirely out of sight. Many a wary fox whose superior cunning had hitherto enabled him, on all occasions, to outwit his old enemy, man, has since ascertained by the sudden forfeit of his life, that the inventor of this contrivance is a step or two in advance of his neighbors in the way of ingenuity. Reynard is at last come up with. This is a good patent, and so is the other to which we have alluded. Both will be serviceable to the country, for they are want ed every where.]

ed every where.] Corrow Gru Saws-A. D. Brown, of Columbus, Ga., assignor to Margaret L. Brown, of Opalika, Ala.: I am aware that cotton ginsaws have previously been construct-ed in segments of circles, buil regard that as a totally dif-ferent arrangement, as the teeth are arranged in the same circle, and I do not claim any such arrangement. But I claim arranging the teeth in a series of curres, b b, eccentric to the axis of the saws, or what is equivalent, in a series of tangential lines, substantially as set forth.

[This invention consists in arranging the teeth of the saws in a series of curves eccentric to their axis, or, what is equivalent, in a series of tangential lines. By this means, with a proper arrangement of the saws relatively to each other, it is rendered impossible for any two saws to catch the same fiber across a rib, and thereby cut or break it, while a peculiar degree of facility is provided for the clearing of the saws by the brush. It is one of the most ingenlous and excellent improvements in its class that we have seen for a long time. Its general introduction will tend to improve the value of our cotton staple. No one can fail to see that cotton, which comes to the manufacturer with its fibers evenly preserved to their natural length, is worth considerably more to him than where it is all broken and cut up. The expense of gins made according to this patent is no greater than those in ordinary use; while, as we have shown, the cotton comes out equally as well cleaned, and otherwise in a far supe rior state. The amount of workdone is also the same as in other gins of like capacity. These striking facts can-not fail to bring Mr. Brown's invention to the notice of planters and others. The improvement seems destined to take a high rank among the improved labor-saving ma chines of the day. The patent we regard as one of importance and value.]

SPLITTING FIREWOOD-W. O. Bisbee, of Camden, N. J.: I wish it to be distinctly understood that I do not wish to confine myself to the exact form or method described, of operating the machine, or to the exact number of ver-tical knives shown. But I claim the vertical knives, G, as arranged, with their edges a distance in advance of each other, and their sides at different angles, so as to act effectually as a means of rifting wood, as described.

Set the rent angles, so as to act enectually as ameans of rifling wood, as described.
PREPARATIONS OF WOOL OTL—Thos. Barrows, of Dedminious or gelatinous matter. I do not include any other and the use of mucilaginous matter, I do not include a local or other a lakaline emulsions which have been before used . but restrict myself to the use of those watery solutions of mucilage from plants and seeds, where mucule character is distinguished from the gum or glue-like character of those substances heretofore used, by not drying out from the mixture with the oil, when on the fibers of the wool I use any of the oils, adapted to oiling wool, in mixture with mucilage, although such mixture, by rest, for a longer or a shorter time, will become separated into the application of oleic, as described.
But i claim, for the treatment and imbuing of wool, during or previous to its manufacture into yarn or cloth, the application thereto, of mucilage, possesing an attraction for water, such being found in sea mosses and allied vegately being used either alone or in mixture with anoil, or some other material.
CARRAGES_J. L. Claco, of Xenia, O. : I claim the application.

CARRIAGES -J. L. Cisco, of Xenia, O. : I claim the ap-plication of the apparatus described, in turning carriages short, consisting of the half circle bars or plates, and sli-ding bar attached to the running gear, as described, in connection with the fifth wheels, by which, in turning short, the body is carried out of the way of the wheels, in manner substantially as described, or any other apparatus, substantially the same, producing the same effect.

FAGILITATING THE REMOVAL OF INCRUSTATION FROM STEAM BOILERS-P. P. Dimpfel, of Philadelphia, Pa. : I claim the method substantially as described, of fa-cilitating the removal of incrustation in steam boilers, by inducing breaks in the circle of the incrustation, in the manner described.

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VISE-Robt. W. and Daniel Davis, of Yellow Springs, Ohio: We are aware that parallel vises have been here-tofore constructed with cross levers and ratchet move-ment, and do not claim merely such as our invention. But we claim our improved arrangement of the sliding ratch beam, C, pawl, M, and the detachable weighted key, P, and the cam, E all constructed and operatedsub-stantially as described.

[In the construction of this vise the movable jaw is urnished, near its base, with a guide piece, which passes through a slot in the fixed jaw: the latter also as a guide which passes through the movable jaw. Between, and attached to these guide-pieces are a pair of cross levers, or connecting rods, so pivoted and arranged that when the which operates the vise is turned, the movable crew aw will always retain a position exactly perpendicular to that of the fixed jaw. All mechanics know the import ance of keeping the two jaws thus in agreement. It allows a firmer hold to be taken on any substance placed between, relieves the screw of friction, and prevents the tendency of the vise to become weakened or soon to wear out. There are several different kinds of vises arranged with a view to accomplish the above purposes. The in-vention of the Messrs. Davis is intended to be considerable cheaper in construction, and, if possible, more effec tive in its operations than any of them. Only one screw is employed, and no nut is required to be sunk in the movable jaw. In other ways, also, the construction is cheapened. We regard the invention as a very excellent one.]

PLOWS-J. L. Gill, of Columbus, O.: I am aware that a combined steel and cast-iron mold board has been used; and also, that a cast standard has been used; these I do

not claim. Neither do I claim any of the parts used, separately; but I claim a plow composed of a steel mold-board, cast-iron shaw, sheath, and landside, when the soveral parts are arranged as set forth.

LIME KLEWS-Dank. Herr Peques, of Lancaster, Pa.: 1 claim making the arch of kiln, with two series of arched chambered ribs, so arranged that the outer ribs shall ex-tend over and across the spaces left between the inner ribs, and at the same time leave as ifficient space between the out and inner ribs. for the fire and heat to pass into the limestone, whereby the fragments and loose lime are all prevented from failing into the fire, and are conducted down the channels into the proper receptacle below.

HAND STAMP-HORE HIGH of Winchester, Mass. I claim a hand stamp in which the stamp is inked, and the impression effected by the movement of the stamp in one vertical plane, the ink being arranged directly under the stamp, and provided with a cover which can be moved away from or upon the said pan, or fountain, that by sew-ing, bothas a cover to the ink receptacle, and as a platen by the article to be printed.

SCYTHE FASTERING-B. F. Josleyn, of Worcester, Mass. I claim the arrangement of the lever, D, as ap-plied to a hoop, e, as set forth, as a means of securing the shank of the scythe, to the end of the snath.

Shank & the scythe, b the end & the shath. WEIGHING SCALES-J. L. McPherson, of New Vienna, Ohio: I am aware that various things have been made tu-bular, or hollow, for the purposes of strength with light-ness of metal. This I do not claim. But I claim, in combination with the shafts, H, the fifth or guarf fuictra, c, which prevents the platform from ca-reening, should the weight be unequality distributed on sid platform, without in the least impairing its correct weighing, as set forth.

REGULATING VALVE FOR STEAM ENGINES.-E. G Lussell, of Ravenna, O.: I do not claim to be the firs nyentor of a regulating valve, the area of whose opening, s increased or diminished by any tendency of increase r diminished velocity.

Is increased or diminished by any tendency of increased or diminished velocity. But I claim the hollow cylindrical valve, D, open at one end and closed at the other, fitted in a cylindrical seat with its closed end on the inlet side of the saM seat, and provided with a slot it one side, near the closed end, to allow the steam to pass through its interior, and having a spring applied, to balance the excess of pressure on the inlet side, and to give a tendency to open the valve, the whole operating as described.

[Cut-off valves for steam engines, arranged so as to be self-acting, and thus in a measure to serve as governors have long been known. They are generally made to op, erate by means of a spring, so placed as to press open the valve with a given degree of strength ; but when the pressure of the steam is greater than that of the valve the latter closes. It is obvious that such valves, if they could always be made to work with efficiency and certainty. would be very valuable auxiliaries to the steam engine since they would tend greatly to simplify the mechanism and cheapen the cost. Mr. Russell's improvement consists in a peculiar form and arrangement of the valve and spring, whereby the difficulties which have hitherto attended the operation of self-acting steam valves generally, are believed to have been entirely overcome. The improved parts are pretty clearly set for h in the claims. The invention is one of ingenuity and importance. We commend it to the attention of all engineers.]

commena is to the attention of all engineers.] SEWING MACHINE CASES-F. A. Ross & Wm. H. Mar-shall, of New York City : We claim the making the case in the form of a cabinet, which, when opened, will afford space for operating the machine by the freddles, and will form a table for the work, by raising the leaves and sup-porting them by the doors of the cabinet, when thrown open in the manner described. We also claim the construction of the folding top, which when open, furnishes drawers and shell, for the conve-nience of the operator, as described.

SHUTTERS OR BLINDS FOR STOR 25-David Rohan, of Cincinnati, Ohio: I claim hinging the shutters together, by mitered joints, so that when closed the joint or hinges may be concealed. I also claim, in connection with the mitered shutters, B C, the hinged piece, G, which serves the double purpose of a post, against which said shutters abut, and to which they may be locked, when the front is closed, and also as a finish to one of the shutters, when it is run back, as rep-resented. resented

TRIMING BOOKS-M. Richl, of Cincinnai, O. : I claim hanging or attaching the knife, H. to the crosspiece. B, of the uprights, A, A, by the arms, a a, as shown, whereby a drawing or oblique cut of the knife, is obtained, and oper-aling the knife. by means of the worm wheel, E, screw, F, and connecting bar, D.

[Few substances are more difficult to cut, with a smooth, true edge, than sheets of paper, laid together in quantities. Printers and bookbinders have always experienced the truth of the fact, although many an inventor has studied hard to relieve their troubles from this cause. Complete success, however, has never been reached. Many ingenious devices have been made, but nearly all of them fall short of the mark, in one way or another. Mr. Richl claims a priority of excellence in the device now patented. The sheets of paper to he severed are laid on a table ; the knife is attached to a crank arrangement and pitman, in such a manner that by turning the crank the knife edge is forcibly drawn across the paper and the cutting thus effected. This drawing movement of the knife is the peculiar feature. For the purposes intended it is certainly an admirable arrangement. The invention is simple an admirable arrangement. cheap in construction and effective.

BRICE MACHINES-Levi Till, of Sandusky, Ohio: I claim, first, the use of the air pump, in combination with the perforted pressers, by which the air is exhausted from the clay, while under pressure, as stated, and not other-wise.

wise. Second, I claim the device of the diagonal slots, m fig. 3, in combination with alternating with the pressers, by which all the excess of clay may excape, and is discharged on one side, and not on both, of the machine.

which all the stores of clay may scape, and is discharged on one side, and not on bach, of the machine. Wa goose-James Parsons, of Dublin, Ind. First, I claim the arrangement of the side pieces or ways, A. A. resting upon the elevating blocks, n. n. near the outer end of the bolster. C. thereby gaining a greater width between them than is attained in other waysons constructed for similar purposes, thus giving space for loading, if raised on a plank or platform, to raise partly above and between them. if ne-cessary to clear the ground, in hauling; also the manner of their connection between the for ward and hind wheels by passing or sliding through the brace bands, e. of the mortises or slots, and their uses, that when the arch, F F. and wrought azletree combined, as represented in fig. 2, when supported by the hind wheels, the mortises or slots, o, will be brough the early or quite in a horizontal posi-tion for the reception of the side pieces or ways, as de-scribed, thus serving the purposes of coupling the wagon, long or short, to suit circumstances. Third, I also claim the peculiar adaptation of the ob-locks being held in their proper position. by the bands, e. e, dropping into the notches, ff, of elevating blocks, pas, and the blocks being held in the piden suiton upon the side pieces or ways, slide, and the hind elevating blocks pass, and then they form a connection with the cast arch and wrought axletree, by a stirung fram dunder the blocks, and from them they form a connection with the cast arch and wrough and the side pieces or to go erranging the hind elevating blocks, D. D, as to give them the siding principle, as described, and the ears, s, on opposite sides, thus rendering them adjusta ble, in coupling the wayon, long or short, by means of the steady or togele pins, if i i, and again by the holding in connection with the braces, the arch in a perpendicular position, by the upper part of the casting, blocks, as at c c, as described and shown. CHANGING HARVESTERS FROM REAFERER TO MOWERE -Robb, Bea

CHANGING HARVESTERS FROM REAPERS to Mowers -Robt. Beans, of Johnsonville, Pa. : I claim the combina-tion of the lever, O, and connecting rod, P, with any means of altering the hight of the frame, above the cut-ter bar, for the purpose of retaining the same relations between the stroke of the knives and the teeth or fingers, although the distance between the head of the cutter bar and the crank, be varied in so doing, as set forth.

CUTTING STANDING COTTON STALKS-S. Bowerman, of Detroit, Mich. I claim the combination of the block, F. knife, G. rods, H H. springs, I I, rack, X, and cogwheel, i, when arranged for the purposes specified and shown. [In the Southern latitudes of this country, where cotof F.

ton is extensively grown, the removal of the stalks prior to the preparation of the land for new planting, is a slow and laborious operation, for it is usually done by hand .-The negro seizes hold of the stalk and bends it with one hand, while with the other he cuts it off at the root by means of a heavy cleaver.

Mr. Bowerman's invention consists of a cart which is driven through the stalks in order to bend them down close to the ground. At the rear part of the vehicle a large horizontal knife is arranged to move vertically between suitable slides. Motion is given to the knife by means of gearing on the wheels of the vehicle. As the cartadvances the stalks bend, the knife is elevated and then suddenly discharged, to fall upon the base of the bent stalks, and clip them in a twinkling. Springs are employed to give additional force to the knife as it de scends. Every one will see at a glance how much superiorthis mechanism is to hand labor.]

BHIPS WINDLASSE-James Emerson, of Worcester, Mass.: I claim the gearing, C D L M, and the ratchet, N, and O, on the shalt, L when arranged substantially as shown, for the purpose of operating the shalt, B, of the windlass, with a quick or slower, or vibrating motion, and with a corresponding degree of power; one set of gear wheels, C L, being independent of the other set, D M, and allowing the windlass, in case of the breaking of one, to be operated by the other.

[The above is a highly valuable improvement. Without increasing the cost of the windlass, it affords much greater power, is more convenient, stronger, and less likely to get out of order than almost any of the other patent ed improvements of its class. We have in preparation ome engravings illustrative of this invention, which will shortly be published, when the good qualities of the in-vention will be made to speak for themselves. Foreign patents have been taken out through the Scientific American Patent Agency.]

CUTTING IRREGULAR FORMS-P. H. Wait, of Bark-ersville. N. Y. i Ido not claim the pattern, H, or the means of turning irregular formed articles by means of a pattern, for this has been previously done in various ways. But I claim the employment or use of two vibrating or oscillating frames, placed upon a rod or shaft, B, and oper-ated by means of the pattern, H. bearing against the sliding rollers or disks, C, said pattern, as it rotates, moving the stuff at the upper parts of the frames, towards and from the cutter disk, L, the cutter disk and rollers or dislas be-ing moved by means of the screw rod or shaft, G, and nut, F, as shown.

[This is an improvement upon Blanchard's well-known turning lathe-the first automatic machine ever made which was capable of producing an exact copy of an irregular pattern. The frame of Mr. Wait's machine looks somewhat like a saw-horse, for it consists of four arms crossed and hung on a central shaft. The upper ends of the arms are furnished with revolving cutters, which bear against the stuff to be turned. The lower ends of the arms are made to embrace the pattern between them, being pressed upagainst it by means of sprines. It should be observed that the frame does not revolve, but the arms move on the shaft, which serves as a pivot. When the pattern is made to revolve, the lower ends of the arm i follow its irregularities, and thus correspondingly move the cutters to or from the stuff to be turned. There are two sets of cutters, and consequently two copies of the pattern are simultaneously turned.

The chief advantages of this machine over Blanchard's and other lathes for turning irregular forms consist, first. in causing the guide arms or pattern followers to embrace the pattern, so that no matter how long and slender the pattern may be, it can never give way or bend. Second. in producing two copies of the patternat once ; or, in other words. doubling the quantity of work produced without any additional complication of the machine. We might mention other advantages, but the two features named are sufficient to indicate the great importance and value of the invention. That it will find a very extensive introduction we cannot doubt.]

COLLAPSIBLE BOAT-Nathan Thompson, Jr., of Wi¹ liamsburgh, N. Y. Patented in England Feb. 23, 1255.¹ claim, first, the combination of hinged flaps, or bottom pieces, with elastic or flexible sides, in the manner and for the purpose specified. Second, the combination of hinged flaps with a center keelson and flexible or elastic sides, as set forth. Third, I claim either of these combinations in connec-tion with water-prooffabric, for closing and securing the specified. Fourth, L claim a binged minimum burnt is the security of the security the sec

Joins between the service period. Fourth, I claim a hinged swinging brace in combina-tion with a hinged thwart thereto attached. Lastly, I claim the sliding joint, in combination with the bow and stern hinges, whereby the effective length of a keelson or faps, may be altered so as to suit the expanded and collapsed states of the boat.

STRAW CUTTERS-J. A. Thompson, of Cayuga, N. Y. 1 I claim giving the cutting disk of a straw cutter, a com-bined rotary and reciprocating motion, in the manner set forth.

FLASE FOR MOLDING BATH TUBS-JRO. Demarest, assignor to "the J. L. Mott Iron Works," of Mott Haven, N. Y. I claim connecting, by means of a braces or braces, the sides of the drag or first section, and of the cope or third section of flasks, for casting bath tubs or other large and thin hollow research substantially as described, in com-bination with the clamps and adjusting screws, or their equivalents, which embrace and act upon the sides of the check or second section of the flack. And I also claim recessing the upper edge of the wings on the inside of the check, or second section of the flack, back of the inner edge, as specified.

back of the inner edge, as specified. VAULT LIGHTS-Wm. P. Walter and Jacob Green, of Philadelphia, Pa.: We are aware that it is a very com-mon device to avail one's self of the expansive and con-tracting properties of metal, in fitting metal rings tightly around various articles; and we are also aware that it is not a new device to unite silicious compounds to metal by casting the former in a molten state about the latter, as, for instance, in the manufacture of porcelain or glass door knobs, with metal shanks; we therefore disclaim both of these as broad devices. But we claim the described improvement in the con-struction of vault lights, viz., casting the moltenglass di-rectly into the metal frame, while in a heated state, said metal frame being grooved internally, so that when it con-tracts on cooling, and contracting as it does, more than the plase, this groove shall bind the glass lens tightly in its place and so retain it. BELIGHT

RE-ISSUES.

HINGES-Chas. Parker, of Meriden, Ct., assignce of Wm Baker, of Utica, N. Y.-Originally patented April 13, 1852: I do not claim as new, simply constructing the window bind hings, with its screw plate so a arranged as to be screwed to the back of the blind, and the outside of the window-caing.

screwed to the back of the blind, and the outside of the window-casing. But I claim the bridge, or inclined plane, at the base of the pin, and the corresponding elongation of the eye, ope-rating, and in connection with the hook and catch, at-tached and connected in the manner described. I also claim the elongated or enlarged eye, independent-ly of its combination with the bridge, for giving the lateral motion to the blind, to effect the disengagement of the lower catch, as described. I also claim, so placing the catches on the two parts of the hinge, as to cause the strains produced by the wind, or otherwise, to act directly upon the screws, whereby the pin and eye are relieved, adescribed.

DESIGNS STOVES AND FIRE PLACES-Winslow Ames, of Nashua, N.H.

COOKING STOVES-Russel Wheeler and Stephen A. Bailey, of Utica, N. Y.

PORTABLE FIRE PLACES-Winslow Ames, of Nashua, N. H.

COOKING STOVES-Conrad Harris, and Paul Wm. Join-r. of Cincinnati, O., assignors to A. Bradley, of Pittsburgh. Pa.

Great Trial of Agricultural Machines in France . America Victorious.

On the 14th of last mouth the great finishing trial of agricultural implements and machines on exhibition at Paris took place before the Grand Jury on the farm of the Postmaster General, M. Dailly, at La Trappes. Almost all the great men of France were present, as were many eminent Americans-ex-President Fillmore among the number-Germans, and British. The fields were smooth and beautiful, and the experiments consisted of drainage machines plows, thrashers, sowing machines, reapers and mowers

Hundreds of machines were tested, and for the minor ones, the English carried off twothirds of the honors; but the great interest was riveted on the reapers and thrashers. The contest with the former was among the Americans; they had the whole field to themselves. Manny's, Wright's (Adkin's Automaton Raker,) Hussey's and McCormick's reapers, were tested together, and the latter came off the victor. From the description given of the trial, much seems to be due to the able management of Mc-Kenzie, the agent of McCormick: Four thrashing machines were tried, and six men with flails, to test the difference of the labor. Pitt's American thrasher "bore the bell" among them all. The six men thrashed 60 litres of wheat in thirty minutes, Pitt's machine 740 litres, the English machine 410, the French machine, 250, the Belgian machine 150. In these trials of reaping and thrashing machines America stood singularly pre-eminent, and the

HARVESTER RAKES-O.C. Green, of Belleville, III. -I am aware that the delivery of grain at right angles to the line of draft of the team, has been accomplished by mans of a rake traveling across the platform, in conjunc-tion with a second rake, turning in a segment of a circle, and therefore I do not claim the described delivery of grain, irrespective of the means by which it is accom-plished.

plished. But I claim in rakes to harvesters, the combination of the rake, 1, sliding head, G, way or guide, b, fender loard, L, and incline plane, M, or severally of their equivalents, operating in the manner and for the purpose set forth, so that with a single rake I accomplish the raking of grain across the platform, and the delivery thereof, in the man-ner substantially as set forth.

SASH FASTENERS.—Asahel Gilbert, Jr., of 'Lowell, Mass.: I claim the hinged cross bars, cc, having split knob handles, serving to discenzage the fastening in both sides of the sash, and to raise and lower the sash.

the sash, and to raise and lower the sash. ROTARY WOOD SPLITTING MACHINE-G. W. B. Ged. ney, of New York City : I claim the machine described for splitting wood, consisting of the V-grooved knives, act-ing upon the wood as described, having openings in their apex to receive the clearers, substantially a specified, and in combination therewith the fingers for holding down the rear end of the wood to be split. I also claim the mode of attaching the knives by the groove, e', at their back, and an over-reaching flanch e2, hy which the resisting strain tends to hold the knife in place, asspecified, without bringing the strain upon the bolt, by which it is fastened.

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BREECH-LOADING FIRE ARMS-B. F. Joslyn, of Wor-cester, Mass. I claim the combining of the cone-headed pin, N. and two or more expanding rings, G and H, with the radial breech. G, of breech-loading fire-arms.

GRAIN AND GRASS HARVESTERS-Jilo. Thompson, of Cliffon, N. Y.: I claim discharging the grain from the platform, between the platform and the driving wheel and under its axle, when the same is done, in connection with a pair of wheels, whose axle extends across the machine, as described.

REAFING AND MOWING MACKINES.-Henry Water-man, of Williamsburgh, N. Y.: 1 do not claim the ad-vancing and retreating curvilinear motion of the cutter bar. But I claim the combination of the two sets of knives described, with the curvilinear motion of the cutter bar. I claim the elastic fingers, in combination with the cur-vilinear motion of the cutter bar. I claim the cullecting and denositing the grain but the

I claim collecting and depositing the grain by the re-volving cradles, by the weight of the grain laid upon them by the reel.

INSTANDE-Albert Bingham, fassignor to himself, and Andrew J. Bailey.) of Hoston, Mass.: I claim arranging and combining with the hinged cover G, of the pen-port. B, substantially as described, the bow lever, H. whereby the cover may be raised, under circumstances and in the manner specified.

effect upon the thousands who witnessed their operations was most happy. The practical and useful character of our inventions is now highly appreciated by the most distinguished men in Europe.

Submarine Telegraph Cable Lost. News has been received by telegraph in this city, that the submarine cable for connecting Newfoundland with Cape Breton by telegraph was lost by some mismanagement "when forty miles out." The intelligence is indefinite as to the cause of the loss. It was seventy miles long, and made in England. We hope it can be "fished up," as its entire loss will prevent the completion of the telegraph line to Newfoundland, for at least another year.

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